

## Product datasheet for MC224205

### Setdb1 (NM\_001163642) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Setdb1 (NM\_001163642) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Setdb1  
**Synonyms:** AU022152; ESET; KMT1E; mKIAA0067  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224205 representing NM\_001163642  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCTCCCTCCCTGGGTGCATGAGTTGGCTGCAGCGCCAGCTGCAGCTGACTCTGCAGAGATTGCTG  
 AGCTGCAGCAGGGGTGGTTGAAGAGCTGGGTATCTCTATGGAGAACTTCGTCAGTACATTGATGAGGA  
 ACTGGAAGATGGACTGCATACAGCAGCGCAAGAAGCAGCTCGCAGAGCTGGAGACGTGGTACTACAG  
 AAAGAGTCTGAAGTGGCTTATGTTGATCGGCTGTTTATGATGATGCATCCAGGGAAGTACTAACTGTGAGT  
 CTTTGGTGAAGGATTTCTACTCTAAGCTGGGACTACAGTATCATGACAGTAGCTCTGAGGATGAAGCTTC  
 CCGGCCACAGAGATCATTGAGATTCTGATGAAGATGATGATGTCTCAGTATTGATTCAGGTGATGCT  
 GGGAGCAGAACTCCAAAAGACCAGAAGCTTCGTGAAGCTATGGCTGCCTAAGAAAATCAGCTCAAGATG  
 TCCAGAAGTTCATGGATGCTGTCAACAAGAAAAGCAGTTCTCAAGATCTACATAAAGGAACCTTGGGTCA  
 GGTGTCTGGAGAAGTGAAGCAAGATGGGGACCTGATAGTCAGCATGCGGATTCGGGCAAGAAGAGGACT  
 AAGACATGGCACAAGGCACCCCTATTGCCATCCAGACTGTTGGGCTAGGAAAAAATACAAAGTGAAT  
 TTGACAACAAGGAAAGAGTCTGCTATCTGGGAACCATATTGCCATGATTACCACCCCTCCCGCTGACAA  
 GCTGTTTGTGGGAGTGCAGTGGTGGCCAAGTACAAGATGGAATCAGGTCTGGCTTTATGCTGGCATT  
 GTAGCTGAGACCCCTAAGTCAAGAACAAGCTCAGATTTTTAATTTTTTTTATGATGATGGCTATGCTTCT  
 ATGTCAGTCAAGCTTTATCCATTTGCCGACCACTAAAAAGACTTGGGAGGACATAGAAGATAG  
 CTCCTGCCGAGACTTCATAGAGGAATATCACTGCCTATCCAAACCGCCCAATGGTACTTCTCAAGAGT  
 GGGCAGCTTATCAAGACTGAGTGGGAAGGCACATGGTGAAGTCTCGAGTTGAAGAGGTGGATGGCAGCC  
 TAGTCAGGATCCTCTTTCTGGATGACAAAAGATGTGAGTGGATATATCGAGGCTCTACACGCTGGAACC  
 TATGTTTAGTATGAAGACATCCTCAGCCTCTGCAATGGAGAAGAAGCAAGGGGGCAACTCAGAACCCGT  
 CCTAATATGGGTGCTGTGAGGAGCAAAGTCTGTTGTTTCAAGTATACACAGGATCTAACTGGTACTGGAA  
 TCCAGTTTAAGCCATGGAGCCCTACAGCCTATAGCTCCACCGCCCACTTCCATACCTCCTCTTTC  
 CCCCCAAGCAGCTGACTGACTTAGAAAAGCAACTTGCACAATCACGGAACAAGTAGCCAAGAAGAGC  
 ACATCATCCGACCAGGATCTGTGGGCTCCGGCCATTCTCCCCTACTTCATCCACTCAGTGAATG



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001163642.1](#), [NP\\_001157114.1](#)

**RefSeq Size:** 4641 bp

**RefSeq ORF:** 3924 bp

**Locus ID:** 84505

**Cytogenetics:** 3 F2.1